

THE CLAIMS

Method of applying the aluminum coatings on cast iron and steel products comprising product surface preparing and consequent plunging the product into the aluminum melt alloyed with zinc and silicon characterized by jet-abrasive preparing of the product and the aluminum melt is alloyed with zinc, silicon, magnesium, tin of following mass percentage:

zinc	7.0 – 10.0
silicon	3.0 – 5.0
magnesium	0.5 – 1.5
tin	0.2 – 0.5,

while the temperature of the melt is in the range of 660 - 680 C.